

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/695,089	MAEDA ET AL.8	
	<b>Examiner</b>	<b>Art Unit</b>	
	Kim-Kwok CHU	2653	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/28/2004.
2. ☒ The allowed claim(s) is/are 7, 10, 11, 12, 14, 19, 13, 15 and 19 which are re-numbered as 1-9 respectively.
3. ☒ The drawings filed on 25 October 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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**Allowable Subject Matter**

1. Claims 7, 10-16 and 19 are allowable over prior art.

2. The following is an Examiner's Statement of Reasons for Allowance based on the Amendment filed on October 28, 2004.

As in claim 7, the prior art of record fails to teach or fairly suggest a recording medium having the following:

(a) a lookup table having information about edge shifting values of at least one of a leading and trailing edge of at least one recording pulse;

(b) the edge shifting values are determined by combination of a length  $M(n)$  of a mark being currently written and at least one of a length  $s(n-1)$  of a space precedent to the mark and a length  $s(n+1)$  of a space subsequent to the mark, and which can be positive and negative; and

(c) the edge shifting values are at least a leading edge of a first recording pulse and a trailing edge of a last recording pulse of a plurality of recording pulses.

As in claim 13, the prior art of record fails to teach or fairly suggest a recording medium having the following:

(a) a zone stores a lookup table having information about edge shifting values of at least one of a leading and trailing edge of at least one recording pulse;

(b) the edge shifting values are determined by combination of a length  $M(n)$  of a mark being currently written and at least one of a length  $s(n-1)$  of a space precedent to the mark and a length  $s(n+1)$  of a space subsequent to the mark, and which can be positive and negative; and

(c) the edge shifting values are for a leading edge of a first recording pulse of a plurality of recording pulses.

As in claim 15, the prior art of record fails to teach or fairly suggest a recording medium having the following:

(a) a zone stores a lookup table having information about edge shifting values of at least one of a leading and trailing edge of at least one recording pulse;

(b) the edge shifting values are determined by combination of a length  $M(n)$  of a mark being currently written and at least one of a length  $s(n-1)$  of a space precedent to the mark and a length  $s(n+1)$  of a space subsequent to the mark, and which can be positive and negative; and

(c) the edge shifting values are for a trailing edge of a last recording pulse of a plurality of recording pulses.

The features indicated above, in combination with the other elements of the claims, are not anticipated by, nor made obvious over, the prior art of record.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, D.C.  
20231 Or faxed to:

(703) 872-9306 (for formal communications intended for entry. Or:

(703) 746-6909, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim CHU whose telephone number is (703) 305-3032 between 9:30 am to 6:00 pm, Monday to Friday.

*16 2/16/05*  
Kim-Kwok CHU  
Examiner AU2653  
February 16, 2005  
(703) 305-3032

  
TAN DINH  
PRIMARY EXAMINER